0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.173)
0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
0-7	Applicant's or agent's file reference	50509870
ı	Title of Invention	TWO-DIMENSIONAL PHOTONIC CRYSTAL
11	Applicant	
11-1	This person is	applicant only
11-2	Applicant for	all designated States except US
11-4	Name	Kyoto University
II-5	Address	36-1, Yoshida-honmachi, Sakyo-ku, Kyoto- shi, Kyoto 6068501 Japan
11-6	State of nationality	JP
11-7	State of residence	JP
II-11	Applicant's registration No. with the Office	504132272
III-1	Applicant and/or inventor	
III-1-1 _.	This person is	applicant only
III-1-2	Applicant for	all designated States except US
III-1-4	Name	TDK Corporation
III-1-5	Address	1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 Japan
111-1-6	State of nationality	JP
III-1-7	State of residence	JP
III-1-11	Applicant's registration No. with the Office	000003067

III-2	Applicant and/or inventor		
III-2-1	This person is	applicant only	
111-2-2	Applicant for	all designated States except US	
111-2-4	Name	ALPS ELECTRIC CO., LTD.	
III-2-5	Address	1-7, Yukigaya-otsuka-cho, Ota-ku, Tokyo 1458501 Japan	
III-2-6	State of nationality	JP	
III-2-7	State of residence	JP	
III-2-11	Applicant's registration No. with the Office	000010098	
III-3	Applicant and/or inventor		
III-3-1	This person is	applicant and inventor	
III-3-2	Applicant for	US only	
III-3-4	Name (LAST, First)	NODA, Susumu	
III-3-5	Address	c/o Graduate School of Engineering, Kyoto University, Kyotodaigaku Katsura, Nishikyo-ku, Kyoto-shi, Kyoto 6158530 Japan	
111-3-6	State of nationality	JP	
111-3-7	State of residence	JP	
111-4	Applicant and/or inventor		
111-4-1	This person is	applicant and inventor	
III-4-2	Applicant for	US only	
III-4-4	Name (LAST, First)	ASANO, Takashi	
III-4-5	Address	c/o Graduate School of Engineering, Kyoto University, Kyotodaigaku Katsura, Nishikyo-ku, Kyoto-shi, Kyoto 6158530 Japan	
III-4-6	State of nationality	JP	
111-4-7	State of residence	JP	

111-5	Applicant and/or inventor		
III-5-1	This person is	applicant and inventor	
III-5-2	Applicant for	US only	
III-5-4	Name (LAST, First)	TAKAYAMA, Seiichi	
III-5-5	Address	c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 Japan	
III-5-6	State of nationality	JP	
111-5-7	State of residence	JP	
III-6	Applicant and/or inventor		
III-6-1	This person is	applicant and inventor	
111-6-2	Applicant for	US only	
III-6-4	Name (LAST, First)	KITAGAWA, Hitoshi	
III-6-5	Address	c/o ALPS ELECTRIC CO., LTD., 1-7, Yukigaya-otsuka-cho, Ota-ku, Tokyo 1458501 Japan	
III-6-6	State of nationality	JP	
III-6-7	State of residence	JP.	
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent	
IV-1-1	Name (LAST, First)	KOBAYASI, Ryohei	
IV-1-2	Address	KOBAYASI PATENT & TRADEMARK, 7th Floor, Hougen-Sizyokarasuma Building, 37, Motoakuozi-tyo, Higasinotouin Sizyosagaru, Simogyo-ku, Kyoto-si, Kyoto 6008091 Japan	
IV-1-3	Telephone No.	075-351-6121	
IV-1-4	Facsimile No.	075-351-6122	
IV-1-5	e-mail	kyopat@kyopat.jp	
IV-1-6	Agent's registration No.	100095670	

v	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	05 March 2004 (05.03	.2004)
VI-1-2	Number	2004-061737	
VI-1-3	Country	JP	
VI-2	Priority document request		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	vi-1	
VII-1	International Searching Authority Chosen	Japan Patent Office	(ISA/JP)
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	6	✓
IX-2	Description	10	-
IX-3	Claims	2	-
IX-4	Abstract	1	✓
		 	
IX-5	Drawings	5	_

Paper Copy (NOT for submission)

	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	2	
IX-20	Language of filing of the international application	Japanese	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)		
X-1-2	Name of signatory		
X-1-3	Capacity		

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by	
	the International Bureau	